

DIMENSION® 600/2000 PBX
TRUNK GROUP BUSY OUT TEST
(PROC 563)

1. GENERAL

- 1.1 This section is issued in order to make available the information contained in the Administration and Maintenance Manual, 500-497, PROC 563.
- 1.2 The attachment provides procedures for testing busy out and release busy out for individual trunks and trunk groups.

ATTACHMENT

PROC 563 (4 pages)

Reason for Issue:
New Section

Manager, Denver PBX PECC

PRIVATE

THE INFORMATION CONTAINED HEREIN SHOULD NOT BE DISCLOSED TO UNAUTHORIZED PERSONS. IT IS MEANT SOLELY FOR USE BY AUTHORIZED BELL SYSTEM EMPLOYEES.

Printed in U.S.A.

B. FIELD DEFINITIONS AND CODES

| Field | Code | Definition |
|-------|---------------|--|
| 1 | 1-2 | Test number. |
| 2 | 11-99 | Trunk group number. |
| 3 | 1-9, 11,12 | First digit of dial access code Encode 11 equals TOUCH-TONE*; 12 equals TOUCH-TONE#. |
| 4 | 0-9 | Second digit of dial access code. |
| 5 | 0-9 | Third digit of dial access code. |
| 6 | 0-99 | Number of trunks in trunk group. |
| 7 | 0-99 | Number of trunks busied out in the trunk group. |
| 8 | 0-24 | Module number. |
| 9 | 0-4 | Cabinet number. |
| 10 | 0-4 | Carrier number. |
| 11 | 0-41 | Slot number. |
| 12 | 0,1 | Circuit number. |
| 13 | 0 1 | Not busied out. Busied out. |
| 14 | 0-99 | Position of the trunk within the trunk group. |

C. TEST PROCEDURES

NOTE

Special error code 80 may be displayed and is defined: More than 255 trunks in the group. Use Procedure 560 or Procedure 561 to busy out or release busy out rest of trunks. Trunks that are omitted are those with the higher internal trunk numbers. If, in Test 2, an equipment location of a trunk that is omitted is entered, then, the first trunk of that trunk group is displayed.

A list of trunk group busy out tests, what each one does, and how each is run follows:

Call in Procedure 563:

PROC NO.; 563; ENTER

Test 1 is automatically selected.

Depressing the NEXT TEST key repeatedly advances the procedure to the desired test.

Test 1:

Test 1 is used to busy out or release from a busy out state an entire trunk group. When Test 1 is selected, the largest trunk group number in the system is flashed in field 2, indicating an optional entry field. Either the trunk group displayed may be used or another trunk group may be selected. To use the trunk group displayed, ENTER is depressed, causing the field to stop flashing.

Selection of another trunk group can be accomplished by entering the number in field 2 or by using the NEXT UNIT key. NEXT UNIT can be used to sequence through all the trunk groups in the

C. TEST PROCEDURES (Contd)

system. When all trunk group numbers have been displayed, depressing NEXT UNIT dashes field 2. Depressing NEXT UNIT again displays the largest trunk group number again, starting the sequence over.

To start the test, select Test 1 and depress the EXECUTE key. Trunk group information is displayed as follows:

| Field | Contents |
|-------|---|
| 6 | Number of trunks in the trunk group entered in field 2. |
| 7 | Number of trunks busied out in the trunk group entered. |
| 8-12 | Equipment location of the first trunk in the trunk group. |
| 13 | Maintenance busy status of the first trunk. |
| 14 | Trunk position in the trunk group. |

CAUTION
Operating BUSY OUT can drop a customer call.

Depressing the BUSY OUT or RLS BUSY OUT key changes the status of the selected trunk group.

To change the busy status of additional trunk groups, use the change sequence as follows:

CHANGE FIELD; 2; ENTER; (Trunk Group Number);
ENTER; BUSY OUT or RLS BUSY OUT

Depressing the NEXT UNIT key followed by the BUSY OUT or RLS BUSY OUT causes the next unit to change status.

Test 2:

Test 2 is used to busy out or release from the busy out state individual trunks within a trunk group.

When Test 2 is entered, either the equipment location of the first trunk group from Test 1 is displayed in fields 8 through 12 or field 8 is blanked and fields 9 through 12 are dashed.

When an equipment location is displayed, field 8 is flashed, indicating optional entry. Either the trunk displayed can be used or another trunk can be selected. Selection of another trunk can be accomplished in two ways:

1. The NEXT CIRCUIT key can be used to sequence through all the trunks in the trunk group displayed. When all the trunks in the trunk group have been displayed, depressing NEXT CIRCUIT again starts the sequence over with the first trunk in the trunk group.

C. TEST PROCEDURES (Contd)

2. The equipment location of another trunk can be entered in fields 8 through 12; eg:

(Module); ENTER; (Cabinet); ENTER;
(Carrier); ENTER; (Slot); ENTER; (Circuit);
ENTER

When field 8 is blanked, the decimal point in the field is flashed to indicate a mandatory entry. The equipment location of a trunk must be entered in field 8 through 12, as described previously, before the test can be started.

To start the test, depress the EXECUTE key. Trunk information is displayed as follows:

| Field | Contents |
|-------|--|
| 2 | Trunk group number for the equipment location. |
| 3-6 | Dial access code of the equipment location. |
| 8-12 | Equipment location of the trunk. |
| 13 | Maintenance busy status of the trunk. |
| 14 | Position of the trunk in the trunk group. |

CAUTION

Operating BUSY OUT can drop a customer call.

Depressing the BUSY OUT or RLS BUSY OUT key changes the busy status of the selected trunk.

To search for the trunk group number of a trunk circuit, enter the equipment location of the trunk and depress the EXECUTE key.

Depressing the NEXT CIRCUIT key followed by the BUSY OUT or RLS BUSY OUT key causes the next trunk in the trunk group to change status.

D. REPAIR GUIDE

When a trunk group busy out failure is indicated, the following steps should be performed in the order shown to isolate and repair the faulty unit:

| Step | Isolation Procedure |
|------|--|
| 1. | Use Test 1 to busy out or release busy out an entire trunk group. |
| 2. | Use Test 2 to step through all the trunks in the trunk group and selectively busy out or release busy out individual trunks. |

CAUTION

If a trunk that is up on a connection is busied out, the connection will be dropped without any indication on the IN USE lamp.

Procedure 563 should only be used when there is no traffic on the PBX.